GOSUNCN 高新兴物联

LTE/TD-SCDMA/WCDMA/CDMA/GSM 模块产品

ME3630-W

LCC	LCC Form Factor
	LTE FDD & LTE TDD
	LTE FDD: DL 150Mbps / UL 50Mbps
	Pin-to-Pin with vLink serial module

	GNSS
	TD-SCDMA & WCDMA & EVDO
UART	8-wires UART
	-40℃ ~ 85 ℃

	Rx diversity
	CDMA 1x & GSM
	USB 2.0
	Auto suspend & remote wakeup

M2M 应用适用

ME3630-W 系列无线通讯模块是基于LTE制式的基本覆盖全球移动通讯网络的模块。

在LTE制式下，该模块可以提供最大50Mbps上行速率和150Mbps下行速率，并支持回退到3G或2G网络。

该模块支持分集接收。分集接收是终端产品支持双天线以提高通讯质量和通讯可靠性无线连接技术。

该模块支持多种网络协议（PAP、CHAP、PPP）和多种功能（GNSS, Remote wakeup, MMS, SMS等）。这些协议和功能可以让它应用在很多物联网应用场景里。

该模块支持宽温工作，也可以应用在车载产品上。比如：车载跟踪，车载通讯，车载监控等。

GOSUNCN 高新兴物联   Wr msrght WeLink

型号:ME3630-W   PID:C2B
TD-LTE无线数据终端
CMIIT ID:XXXXXXXXXXXX

IMEI: XXXXXXXXXXXXXXXX
MEID:XXXXXXXXXXXXXXXX
S/N: XXXXXXXXXXXXXXXX

深圳高新兴物联科技有限公司

注：图片仅供参考，请以实物为准。

Wr msrght WeLink™
Welink your smart

基本属性

- ☐ LCC Form Factor (80 pins)
- ☐ Pin-to-Pin with LCC 30*30
- ☐ Dimensions: 30mm ✕ 30mm✕ (2.3±0.2mm)
- ☐ Weight: About 4.0g
- ☐ Frequency Band :
  - – LTE FDD/LTE TDD/WCDMA/TD-SCDMA/GSM/CDMA EVDO/CDMA 1x
- ☐ BD/GPS/GLONASS

电气及灵敏度

- ☐ Transmit Power:
  - – LTE: 23 ±2.7dBm (Power Class 3)
  - – WCDMA : 24 +1/-3dBm (Power Class 3)
  - – TD-SCDMA : 24 +1/-3dBm
  - – GSM900 : 33±2dBm (Power Class 4)
  - – GSM1800: 30±2dBm (Power Class 1)
  - – CDMA:24 ±1dBm @ All up bits
- ☐ Receiving sensitivity:
  - – Rx Diversity
- ☐ Power Supply :
  - – 3.4V -- 4.2V(3.8V is recommended)

环境适应性

- ☐ Operation temperature: -30°C to +75°C
  - – Extreme Operating temperature: -40°C to +85°C
- ☐ Storage temperature: -40°C to +85°C
- ☐ Humidity: 5%~ 95%

ME3630-W 系列频段信息

PID	Band	Rx Diversity	GNSS
C2A	1. LTE FDD: B1, B3, B5, B8 2. LTE TDD: B38, B39, B40, B41 3. WCDMA: B1, B5, B8 4. TD SCDMA: B34, B39 5. GSM: B3, B8 6. CDMA EVDO/ 1x: 800M	1. LTE FDD: B1, B3, B5, B8 2. LTE TDD: B38, B39, B40, B41 3. WCDMA: B1, B5, B8	Yes
C2B		No	No
C2C		1. LTE FDD: B1, B3, B5, B8 2. LTE TDD: B38, B39, B40, B41 3. WCDMA: B1, B5, B8	Yes
C3B	1. LTE FDD: B1, B3, B5, B8 2. LTE TDD: B38, B39, B40, B41 3. WCDMA: B1, B5, B8 4. TD SCDMA: B34, B39 5. GSM: B3, B8 6. CDMA EVDO/ 1x: 800M	No	No
C3C		1. LTE FDD: B1, B3, B5, B8 2. LTE TDD: B38, B39, B40, B41 3. WCDMA: B1, B5, B8	Yes

驱动&工具

- ☐ Drivers
  - – Windows XP, Vista, 7 , 8, Win CE, Windows Mobile
  - – Linux
  - – Android
- ☐ Diag-log Tool
- ☐ Firmware Update Tool

数据特性

- ☐ LTE FDD
  - – Uplink 50Mbps / Downlink 150 Mbps
- ☐ TD-LTE
  - – Uplink30Mbps / Downlink 112Mbps
- ☐ WCDMA
  - – Uplink 5.76Mbps / Downlink 42Mbps
- ☐ TD-SCDMA
  - – Uplink 2.2Mbps / Downlink 2.8Mbps
- ☐ EDGE (Multi-slot Class 12)
  - – Uplink 236.8 kbps / Downlink 236.8 kbps
- ☐ GPRS (Multi-slot Class 10)
  - – Uplink 85.6 kbps / Downlink 85.6 kbps
- ☐ CDMA2000 EVDO
  - – Uplink 1.8Mbps / Downlink 3.1Mbps
- ☐ CDMA2000 1X
  - – Uplink 153.6 kbps / Downlink 153.6 kbps

模块接口

- ☐ USB 2.0 High speed (480 Mbps)
- ☐ UART1(8-wires)
- ☐ UART2(2-wires)
- ☐ SIM interface (1.8/3.0V)
- ☐ SPI
- ☐ I2C
- ☐ Antenna (RF PAD for Main, Diversity and GPS)
- ☐ LED indication
- ☐ Reset & Power-on
- ☐ WAKE-IN & WAKE-OUT

应用功能

- ☐ Support embedded TCP & UDP protocols
- ☐ Support protocols PAP and CHAP used for PPP connection
- ☐ USB Selective Suspend & Remote wakeup
- ☐ RAS /ECM/NDIS
- ☐ Control Via AT Commands according to 3GPP TS27.005, 27.007 and GOSUNCN extended AT commands

短信特性

- ☐ Support Text and PDU mode
- ☐ Point to point MO and MT
- ☐ SMS Status Report
- ☐ SMS centre address setting
- ☐ Management of SMS

注：*代表该功能可选配。